Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Monday 14 Mar 2022 until 23:59 on Tuesday 15 Mar 2022

Forecast Issued on Monday 14 Mar 2022 at 01:15

Confidence: High for unsettled Monday, also for fair weather for Tuesday. Medium for detail of timing, intensity and clearance of poor conditions Wednesday, also for the cloud detail thereafter.

Headline for Monday 14 Mar 2022: Turning overcast with rain and summit snow, this most persistent in west and for afternoon.

Mountain weather hazards on Monday 14 Mar 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Sleet	Sleet	Sleet showers	Cloudy
Precipitation probability					
<05%	10%	80%	>95%	40%	10%

Forecast for Monday 14 Mar 2022

Weather: A dry and bright start but cloud lowering and thickening to bring periods of rain from midday, falling as snow across highest peaks, turns heavy at times, particularly across western ranges. This passes east during the evening as a mix of clear spells and isolated showers follow from the west.

Chance of cloud-free hill tops above 800m: 60% at first becoming 10% or less from late morning

Low cloud and visibility: Moderate or poor in rain and drizzle and perhaps briefly in evening showers, very poor within cloud with bases becoming extensive from 450m through the afternoon, also infrequently lowering 600m during the evening in showers.

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Met Office Mountain Weather Forecast

Ground Conditions Supplement

Forecast for Monday 14 Mar 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	27/33 SW	32/40 SW	34/43 SW	30/38 SW	23/28 SW	16/20 SW	21/26 S
600	24/30 SW	29/38 SW	31/41 SW	27/36 SW	19/25 SW	14/18 SW	16/21 S
300	9/25 SW	13/30 SW	14/33 SW	11/28 SW	8/20 SW	5/15 SW	5/16 S
Valley	6/19 SW	12/26 SW	14/30 SW	11/26 SW	6/17 SW	5/12 SW	5/14 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-8	0/-8	0/-8	1/-7	1/-6	1/-5	0/-6
600	2/-5	2/-5	2/-5	3/-4	3/-3	2/-2	2/-3
300	4/0	5/1	5/1	5/1	5/2	4/2	4/2
Valley	5/4	7/4	7/3	6/3	7/5	6/5	6/4
Freezing Level*	800m	900m	900m	1000m	1000m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigation difficult for the afternoon in extensive hill fog.

Forecast for Tuesday 15 Mar 2022

Weather: A fine dry, mild day with brighter spells appearing through the veil of higher cloud, most readily during the morning.

Maximum wind: South or southwest mean 15-20mph with gusts 30mph across more exposed ridges and summits.

Chance of cloud-free hill tops above 800m: 90% plus

Low cloud and visibility: Good or very good. Higher cloud quite extensive, but bases generally well above the peaks.

Temperature: **Valleys:** Minus 2 Celsius increasing 14 Celsius for the afternoon
At 800m: Zero Celsius increasing plus 3 Celsius
Freezing level: 900m increasing 1200m

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Mountain Weather Forecast

Date: Sunday 13 March Location: Helvellyn summit at 15:00 Full report:
The majority of the Lakeland fells are now snow-free up to and including the highest tops, however, snow is still present on steep north and east-facing scarp slopes, generally above 850m.
This neve or old refrozen snow is fairly resistant to thaw conditions and can be hazardous to walk on without crampons and ice axe Striding & Swirral Edges can now be climbed without setting foot on snow with careful route choice. However if you do stray onto the snow then you will need the correct equipment as a slip in these exposed locations not quickly stopped could have very serious consequences. The Helvellyn plateau is clear of snow but small cornices still exist around corrie rims above north through east aspects. These will be unstable in the current thaw conditions so please give them a wide berth Despite spring like conditions in the valleys full winter clothing (warm and waterproof), including hats and gloves, and equipment including a map, compass, and head torch are all essential for anyone venturing into the fells. Temperature plus 1.9C, Maximum wind speed 30.8mph, Wind chill minus 5.7C, Average wind speed 19.0mph

Issued at: 01:15 on Mon 14 Mar 2022

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